



ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY
Water Permits Section

**NOI Supplement for Type 2.03 General Aquifer Protection Permit
for Hydrologic Tracer Studies [A.A.C. R18-9-C303]**

This General Permit allows for discharges caused by performance of tracer studies in groundwater. It does not authorize the use of any hazardous substance, radioactive material or any substance identified in A.R.S. § 49-243(l) in any tracer study. If use of such material is proposed, or project design or operations do not conform to the rule, the owner or operator must obtain an individual APP.

Note: Please ensure that the narrative, design drawings, and any supplemental information provided is comprehensive and adequate to demonstrate conformance with A.A.C. R18-9-C303.

1. Please attach **a narrative description** of the project addressed under this General Permit. Include the purpose of the study, project design and operations, test protocols, and describe how the project will be monitored, to address all requirements of R18-9-C303(C).
2. Please complete the following to specify:

Points of tracer injection or distribution	Type & amount of tracer to be used

2. Have you attached the Material Safety Data Sheets (MSDS) for all tracers to be used " yes
3. Does the tracer contain any hazardous substance, radioactive material, or any substance identified in A.R.S. § 49-243(I) " no
4. Is the injection or distribution within the capture zone of an established passive containment system approved by the director according to A.R.S. § 49-243(G) " yes " no

If "no", have you attached

- a. A narrative description of any impacts that may occur if tracer solution migrates outside the test area, and that includes consideration of downgradient users of the water " yes
- b. Anticipated effects and expected concentrations " yes " no If, "no" why?

- c. A description of how the project will be monitored including the type, frequency, and duration of tests, and detailing monitoring protocols " yes